

PTO/SB/21 (01-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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|   |                      |                        |       |
|---|----------------------|------------------------|-------|
| <b>TRANSMITTAL FORM</b><br><br>(to be used for all correspondence after initial filing) | Application Number   | 09/446,523             |       |
|   | Filing Date          | December 28, 1999      |       |
|   | First Named Inventor | Gerd Altmeyer et al    |       |
|   | Art Unit             | 1723                   |       |
|   | Examiner Name        | J. W. Drodge           |       |
| Total Number of Pages in This Submission  | 6                    | Attorney Docket Number | 39252 |

| ENCLOSURES (Check all that apply)  |   |  |
|--|---|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form                     | <input type="checkbox"/> Drawing(s)   | <input checked="" type="checkbox"/> After Allowance Communication to Group                 |
| <input type="checkbox"/> Fee Attached  | <input type="checkbox"/> Licensing-related Papers   | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences        |
| <input type="checkbox"/> Amendment   | <input type="checkbox"/> Petition   | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final   | <input type="checkbox"/> Petition to Convert to a Provisional Application                         | <input type="checkbox"/> Proprietary Information   |
| <input type="checkbox"/> Affidavits/declaration(s)                           | <input type="checkbox"/> Power of Attorney, Revocation  | <input type="checkbox"/> Status Letter   |
| <input type="checkbox"/> Extension of Time Request                           | <input type="checkbox"/> Change of Correspondence Address   | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):            |
| <input type="checkbox"/> Express Abandonment Request                         | <input type="checkbox"/> Terminal Disclaimer  |  |
| <input type="checkbox"/> Information Disclosure Statement                    | <input type="checkbox"/> Request for Refund   |  |
| <input type="checkbox"/> Certified Copy of Priority Document(s)              | <input type="checkbox"/> CD, Number of CD(s) _____  |  |
| <input type="checkbox"/> Response to Missing Parts/Incomplete Application    | Remarks   |  |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | Request for Clarification Regarding Drawings<br>Response to Interview Summary<br>Receipt Postcard |  |
| <b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>                            |   |  |
| Firm or Individual   | Mark S. Bicks, Esq.<br>ROYLANCE, ABRAMS, BERDO & GOODMAN, L.L.P.                                  |  |
| Signature  |   |  |
| Date   | August 24, 2004   |  |

| CERTIFICATE OF TRANSMISSION/MAILING  |  |      |  |
|--|--|------|--|
| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: <span style="border: 1px solid black; display: inline-block; width: 100px; height: 15px;"></span> |  |      |  |
| Typed or printed   |  |      |  |
| Signature  |  | Date |  |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)-0-

**Complete if Known**

|                      |                      |
|----------------------|----------------------|
| Application Number   | 09/446,523           |
| Filing Date          | December 28, 1999    |
| First Named Inventor | Gerd Altmeyer et al. |
| Examiner Name        | 1723                 |
| Art Unit             | J. W. Drodge         |
| Attorney Docket No.  | 39252                |

**METHOD OF PAYMENT** (check all that apply)☐ Check ☐ Credit card ☐ Money Order ☐ Other ☒ None☐ Deposit Account:Deposit  
Account  
Number  
Deposit  
Account  
Name

18-2220

Roylance, Abrams, Berdo &amp; Goodman, L.L.P.

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

| Large Entity |          | Small Entity |          | Fee Description        | Fee Paid |
|--------------|----------|--------------|----------|------------------------|----------|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |                        |          |
| 1001         | 770      | 2001         | 385      | Utility filing fee     |          |
| 1002         | 340      | 2002         | 170      | Design filing fee      |          |
| 1003         | 530      | 2003         | 265      | Plant filing fee       |          |
| 1004         | 770      | 2004         | 385      | Reissue filing fee     |          |
| 1005         | 160      | 2005         | 80       | Provisional filing fee |          |
| SUBTOTAL (1) |          |              |          |                        | (\$)     |

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

|                    | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| Total Claims       | -20** =      | X              |          |
| Independent Claims | -3** =       | X              |          |
| Multiple Dependent |              |                |          |

| Large Entity |          | Small Entity |          | Fee Description  |
|--------------|----------|--------------|----------|--|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |  |
| 1202         | 18       | 2202         | 9        | Claims in excess of 20                                     |
| 1201         | 86       | 2201         | 43       | Independent claims in excess of 3                          |
| 1203         | 290      | 2203         | 145      | Multiple dependent claim, if not paid                      |
| 1204         | 86       | 2204         | 43       | ** Reissue independent claims over original patent         |
| 1205         | 18       | 2205         | 9        | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$)

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION** (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description  | Fee Paid |
|----------|----------|----------|----------|--|----------|
| 1051     | 130      | 2051     | 65       | Surcharge - late filing fee or oath  |          |
| 1052     | 50       | 2052     | 25       | Surcharge - late provisional filing fee or cover sheet                     |          |
| 1053     | 130      | 1053     | 130      | Non-English specification  |          |
| 1812     | 2,520    | 1812     | 2,520    | For filing a request for <i>ex parte</i> reexamination                     |          |
| 1804     | 920*     | 1804     | 920*     | Requesting publication of SIR prior to Examiner action                     |          |
| 1805     | 1,840*   | 1805     | 1,840*   | Requesting publication of SIR after Examiner action                        |          |
| 1251     | 110      | 2251     | 55       | Extension for reply within first month                                     |          |
| 1252     | 420      | 2252     | 210      | Extension for reply within second month                                    |          |
| 1253     | 950      | 2253     | 475      | Extension for reply within third month                                     |          |
| 1254     | 1,480    | 2254     | 740      | Extension for reply within fourth month                                    |          |
| 1255     | 2,010    | 2255     | 1,005    | Extension for reply within fifth month                                     |          |
| 1401     | 330      | 2401     | 165      | Notice of Appeal   |          |
| 1402     | 330      | 2402     | 165      | Filing a brief in support of an appeal                                     |          |
| 1403     | 290      | 2403     | 145      | Request for oral hearing   |          |
| 1451     | 1,510    | 1451     | 1,510    | Petition to institute a public use proceeding                              |          |
| 1452     | 110      | 2452     | 55       | Petition to revive - unavoidable   |          |
| 1453     | 1,330    | 2453     | 665      | Petition to revive - unintentional   |          |
| 1501     | 1,330    | 2501     | 665      | Utility issue fee (or reissue)   |          |
| 1502     | 480      | 2502     | 240      | Design issue fee   |          |
| 1503     | 640      | 2503     | 320      | Plant issue fee  |          |
| 1460     | 130      | 1460     | 130      | Petitions to the Commissioner  |          |
| 1807     | 50       | 1807     | 50       | Processing fee under 37 CFR 1.17(q)  |          |
| 1806     | 180      | 1806     | 180      | Submission of Information Disclosure Stmt                                  |          |
| 8021     | 40       | 8021     | 40       | Recording each patent assignment per property (times number of properties) |          |
| 1809     | 770      | 2809     | 385      | Filing a submission after final rejection (37 CFR 1.129(a))                |          |
| 1810     | 770      | 2810     | 385      | For each additional invention to be examined (37 CFR 1.129(b))             |          |
| 1801     | 770      | 2801     | 385      | Request for Continued Examination (RCE)                                    |          |
| 1802     | 900      | 1802     | 900      | Request for expedited examination of a design application                  |          |

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

**SUBMITTED BY**

|                   |               |                                   |                 |           |              |
|-------------------|---------------|-----------------------------------|-----------------|-----------|--------------|
| Name (Print/Type) | Mark S. Bicks | Registration No. (Attorney/Agent) | 28,770          | Telephone | (202) 659-90 |
| Signature         |               | Date                              | August 24, 2004 |           |              |

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B  
Bh

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: - :  
: PATENT  
GERD ALTMAYER ET AL. :  
: Art Unit: 1723  
Serial No.: 09/446,523 :  
: Examiner: J. W. Drodge  
: For: FILTER ELEMENT WITH PLASTIC :  
: FILTER CASING :


**REQUEST FOR CLARIFICATION REGARDING DRAWINGS**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The August 11, 2004 Notice of Allowability indicates that the drawings filed on December 28, 1999 are accepted by the Examiner. However, an objection was raised during the prosecution of this application to which applicants responded by filing a Submission of Corrected Formal Drawings on or about April 10, 2003 (copy enclosed). The status of this Submission and information on the acceptance of that corrected drawing is requested.

Respectfully submitted,

  
Mark S. Bicks  
Reg. No. 28,770

ROYLANCE, ABRAMS, BERDO & GOODMAN, L.L.P.  
1300 19th Street, N.W., Suite 600  
Washington, D.C. 20036  
(202) 659-9076  
Dated: Aug 24, 2004



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: :  
: PATENT  
GERD ALTMAYER ET AL. :  
: Art Unit: 1723  
Serial No.: 09/446,523 :  
: Examiner: J. W. Drodge  
Filed: December 28, 1999 :  
:   
For: FILTER ELEMENT WITH PLASTIC :  
: FILTER CASING :  
:

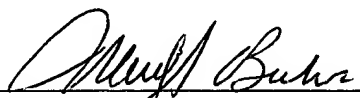
**RESPONSE TO INTERVIEW SUMMARY**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Interview Summary appended to the August 11, 2004 Notice of Allowability, the undersigned submits that the substance of the telephone interview conducted on August 5, 2004 is accurately and adequately reflected in the Interview Summary.

Respectfully submitted,

  
Mark S. Bicks  
Reg. No. 28,770

ROYLANCE, ABRAMS, BERDO & GOODMAN, L.L.P.  
1300 19th Street, N.W., Suite 600  
Washington, D.C. 20036  
(202) 659-9076

Dated: Aug 24, 2004



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|                                  |   |                     |
|----------------------------------|---|---------------------|
| In re Application of:            | : |                     |
|                                  | : | PATENT              |
| GERD ALTMeyer ET AL.             | : |                     |
|                                  | : | Art Unit: 1723      |
| Serial No.: 09/446,523           | : |                     |
|                                  | : | Examiner: M. Ocampo |
| Filed: December 28, 1999         | : |                     |
|                                  | : |                     |
| For: FILTER ELEMENT WITH PLASTIC | : |                     |
| FILTER CASING                    | : |                     |

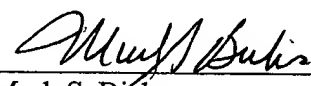
**SUBMISSION OF CORRECTED FORMAL DRAWING**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Submitted herewith is a corrected formal drawing of Figure 1 for the above-identified application, adding an arrow only to show the direction of flow of the cleaned out fluid out of outlet opening 42 as described on page 9, lines 1-3. Entry and acceptance of this drawing is requested.

Respectfully submitted,

  
Mark S. Bicks  
Reg. No. 28,770

Roylance, Abrams, Berdo & Goodman, L.L.P.  
1300 19<sup>th</sup> Street, N.W., Suite 600  
Washington, D.C. 20036  
(202) 659-9076  
Dated: Apr. 10, 2003